

03C0

#4

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Kent K. Leung

Attorney Docket No.: CISCP206

Application No.: 10/008,494

Examiner: UNASSIGNED

Filed: November 9, 2001

Group: UNASSIGNED

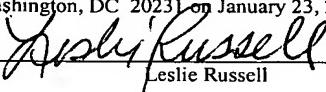
Title: METHODS AND APPARATUS FOR  
IMPLEMENTING HOME AGENT  
REDUNDANCY



**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on January 23, 2002.

Signed:

  
Leslie Russell

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. CISCP206).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

  
Jeffrey K. Weaver  
Registration No. 31,314

P.O. Box 778  
Berkeley, CA 94704-0778

**Form 1449 (Modified)****Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.

CISCP206

Applicant:

Kent K. Leung

Filing Date

November 9, 2001

Application No.:

10/008,494

Group

UNASSIGNED

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	5,473,599	12/05/99	Li et al.			
	A2	5,016,244	05/91	Massey, Jr. et al.			
	A3	5,018,133	05/91	Tsukakoshi et al.			
	A4	5,218,600	06/93	Schenkyr et al.			
	A5	4,692,918	09/87	Elliot et al.			
	A6	5,371,852	12/06/94	Attanasio, et al.			
	A7	5,572,528	11/05/96	Shuen			
	A8	5,729,537	03/17/98	Billstrom			
	A9	5,825,759	10/20/98	Liu			
	A10	5,943,604	08/24/99	Chen et al.			
	A11	5,862,451	02/19/99	Grau et al.			
	A12	5,793,763	08/11/98	Mayes et al.			
	A13	5,826,345	01/19/1999	Okanoue, et al.			
	A14	6,078,575	06/20/00	Dommety et al.			
	A15	6,195,705	02/27/01	Lueng			
	A16	5,619,552	04/08/97	Karppanen et al.			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Release notes for 3Com Corporation, "NETBuilder Family Bridge/Router", Pages 27-29, (March 1994).
	C2	J. Moy, RFC 1247 "OSPF Version 2", July 19, 1991.
	C3	D. Oran, RFC 1142 "OSI IS-IS Intra-domain Routing Protocol", February 1990.
	C4	Black, Uyless, "TCP/IP and Related Protocols", McGraw-Hill, Inc., pp. 226-249, 1992

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)		Atty Docket No. CISCP206 Applicant: Kent K. Leung Filing Date November 9, 2001	Application No.: 10/008,494  Group UNASSIGNED
--	--	---	---

(S) I P E  
FEB 14 2002 JC's  
PATENT & TRADEMARK OFFICE

C5	T. Li, <i>et al.</i> , RFC 2281 "Cisco Hot Standby Router Protocol (HSRP)," March 1998.
C6	K. Egevang et al., "The IP Network Address Translator (NAT)", Network Working Group, PP. 1-10, May 1994.
C7	Y. Rekhter, et al, " <i>Address Allocation for Private Internets</i> ," RFC: 1918, Network Working Group, February 1996, 9 Pages.
C8	P. Srisuresh, et al, " <i>Load Sharing Using IP Network Address Translation (LSNAT)</i> ," RFC: 2391, Network Working Group, August 1998, 18 Pages.
C9	P. Srisuresh, et al, " <i>IP Network Address Translator (NAT) Terminology and Considerations</i> ," RFC: 2663, Network Working Group, August 1999, 30 Pages.
C10	E. Gerich, " <i>Guidelines for Management of IP Address Space</i> ," RFC: 1466, Network Working Group, May 1993, 10 Pages.
C11	Chambless, <i>et al.</i> , "Home Agent Redundancy Protocol (HARP)," Ocotober 27, 1997.
C12	Network Working Group, RFC 2002 "IP Mobility Support," October 1996.
C13	C.E. Perkins and T. Jagannadh, "DHCP for Mobile Networking with TCP/IP," IBM, Watson Research Center IEEE, April 1995
C14	3Com Corporation, "Configuring Boundary Routing System Architecture," NETBuilder Family Bridge/Router Release Notes, March 1994, pp.26-29
C15	Zang, et al. "Method for a Cable Modém to Rapidly Switch to a Backup CMTS," U.S. Patent Application No. 09/484,611, filed January 18, 2000, 53 Pages
C16	Zang, et al. "Cable Network Redundancy Architecture," U.S. Patent Application No. 09/484,612, filed January 18, 2000, 60 Pages
C17	Nosella, et al. "Gateway Load Balancing Protocol," U.S. Patent Application No. 09/883,674, filed June 18, 2001, 48 Pages
C18	Denny, et al. "Stateful Network Address Translation Protocol Implemented Over a Data Network," U.S. Patent Application No. 09/735,199, filed December 11, 2000, 67 Pages
C19	Kanekar, et al., " <i>Load Sharing and Redundancy Scheme</i> ," U.S. Patent Application No. 09/342,589, filed June 29, 1999, 75 Pages.

**Form 1449 (Modified)****Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.

CISCP206

Application No.:

10/008,494

Applicant:

Kent K. Leung

Filing Date

November 9, 2001

Group

UNASSIGNED

	C20	Woundy, et al. "Routing Protocol Based Redundancy Design for Shared-Access Networks," U.S. Patent Application No. 09/484,189, filed January 18, 2000, 53 Pages
	C21	Kent Leung, "Mobile IP Mobility Agent Standby Protocol," U.S. Patent Application No. 09/714,466, filed November 14, 2000, 51 Pages
	C22	Ian Wilson, "Redirection to a Virtual Router", U.S. Patent Application No. 09/748,828, Filed December 26, 2000, 33 Pages

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.